

Claims

1. Method for controlling data circuits in order to transmit data via data circuits that are allocated to different applications in a local area network (WLAN) comprising at least two stations which are configured for transmitting data, wherein at least one first transmission protocol is assignable to a data packet so as to transmit data that is segmented into data packets, characterized in that, if at least one alternative second transmission protocol is provided, the transmission times of the data packets are established in accordance with the assigned transmission protocol.
2. Method according to claim 1, characterized in that the transmission times are established on the basis of a first prioritization such that different priorities are assigned to the transmission protocols.
3. Method according to claim 1 or claim 2, characterized in that the transmission times are established on the basis of a second prioritization such that the data packets are prioritized according to their assignment to applications.
4. Method according to any one of the preceding claims, characterized in that a first transmission protocol functions in conformance with a connection-oriented transport protocol, in particular the TCP protocol, and a second transmission protocol functions in conformance with a connectionless transport protocol, in particular the UDP protocol.
5. Method according to claim 4, characterized in that a lower

priority is assignable to the first transmission protocol than to the second protocol.

6. Method according to any one of the preceding claims, characterized in that the local area network functions as a LAN, in particular as a wireless local area network (WLAN) in conformance with the IEEE 802.11 standard and its derivatives.
7. Method according to claim 6, characterized in that the establishment [of transmission times] is controlled centrally, in particular by at least one wireless access point (WAP) of the local area network.
8. Method according to claim 6, characterized in that the establishment [of transmission times] is controlled locally by the stations of the local area network.
9. Method according to claim 7 or claim 8, characterized in that the establishment [of transmission times] is carried out on the basis of information in an IP priority field.